Index of Claims

| Applica | tion/Control | No. |
|---------|--------------|-----|

10/721,467 Examiner

Applicant(s)/Patent under Reexamination OHASHI, MASATSUGU

Art Unit

Ricky D. Shafer

2872

✓ Rejected= Allowed

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

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| Cla            | im       | 6/24/206 | Date     |  |              |                |  |          |                 |   | Cla        | Date   |          |                 |          |                   |          |          |   | Cla     | aim  | Date |            |            |  |                     |          |          |          |          |                    |          |          |
|----------------|----------|----------|----------|--|--------------|----------------|--|----------|-----------------|---|------------|--|----------|-----------------|----------|-------------------|----------|----------|---|---------|--|------|------------|------------|--|---------------------|----------|----------|----------|----------|--------------------|----------|----------|
|                | -a       | 20       |          |  |              |                |  |          |                 |   |            | _  | <u>=</u> |                 | I        | - 1               |          |          |   |         |  |      |            | al         |  |                     |          |          | I        |          | - 1                |          |          |
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|                |          | 9        | Ш        |  |              | Ш              | Ш  | Ш        | Щ               | _ |            |  |          | Ш               | _        | 4                 | 4        | 4        | $\bot$  | 1       | 1  |      |            |            | Ш  | 4                   | _        | 4        | _        | _        | 4                  | 4        | 4        |
| _              | Ž        | L        | Н        |  |              | Н              | $\vdash$   | L        | $\square$       |   |            |  | 51       | $\vdash$        | -        | -                 |          | +        | +   | 4       | +  |      |            | 101        | Н  | $\dashv$            | 4        |          |          | $\dashv$ | +                  | -        | ႕        |
| <u> </u>       | 8        |          | Н        |  |              | $\vdash$       |  | Н        | $\vdash$        |   |            |  | 52       | Н               | +        | -                 | +        | +        | +   | ╀       | +  |      |            | 102        | -  | $\dashv$            | +        |          |          | -        | +                  | -        |          |
|                | 4        | 3        | Н        |  |              | Н              | -  | $\vdash$ | $\vdash$        |   |            |  | 53<br>54 | Н               | $\dashv$ | $\dashv$          | $\dashv$ | +        | +   | +       | +  |      |            | 103<br>104 |  | $\dashv$            | $\dashv$ | -        |          | $\dashv$ | +                  | +        | $\dashv$ |
| 1              | *        | -        | Н        | $\vdash$   |              | Н              | $\vdash$   |          | $\vdash$        |   |            |  | 55       | ╌┤              | $\dashv$ | $\dashv$          | $\dashv$ | +        | +   | +-      |  |      |            | 105        | $\vdash$   | -+                  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  | +        | $\dashv$ |
| 2              | 6        | *        | Н        |  |              | Н              | $\vdash$   | Н        |                 |   |            | <b></b> -  | 56       | $\vdash$        |          | -                 | +        | +        | ╁   | ╁       | +  |      |            | 106        | -  | +                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  | $\dashv$ | $\dashv$ |
| _              | ×        | F        | Н        | $\vdash$   |              | Н              | $\vdash$   | Н        |                 | _ |            |  | 57       | $\vdash$        | -        | -                 | +        | +        | +   | +       | +  |      |            | 107        | $\vdash$   | $\dashv$            | $\dashv$ | ┪        | -        | $\dashv$ | +                  | +        | ᅥ        |
|                | 8        | H        | Н        | _  |              | Н              |  | Н        | $\vdash$        |   |            | $\vdash$   | 58       | H               | $\dashv$ | _                 | $\top$   | 十        | +   | +       | 1  | 1    |            | 108        | Н  | 十                   |          | _        | 寸        | 1        | $\top$             | 1        | _        |
| 3              | 9        | =        | М        |  | _            | Н              | ┢  | П        |                 |   |            |  | 59       | H               | 寸        | 寸                 | $\neg$   | +        | $\top$  | +       | +  |      |            | 109        |  |                     | _        | $\dashv$ | 一        | 1        | 十                  | 7        | ᅥ        |
|                | N        |          |          |  |              | H              |  |          |                 |   | 1          |  | 60       | П               | T        | 寸                 | ヿ        | 7        | 十   | $\top$  | 1  |      |            | 110        |  | 寸                   | 寸        | ┪        | 一        | $\neg$   | 丁                  | ヿ        | ヿ        |
|                | N        |          | П        |  |              | П              |  | П        |                 |   |            |  | 61       | П               | $\neg$   |                   | T        | 丁        | Т   | T       |  |      |            | 111        |  |                     | T        |          |          |          | $\top$             | T        | T        |
|                | 18       |          |          |  |              |                |  |          |                 |   | -          |  | 62       |                 | $\Box$   |                   |          |          | J   | I       |  |      |            | 112        |  |                     | 丁        |          |          | 丁        | $\Box$             |          | $\Box$   |
|                | 18       |          |          |  |              |                |  |          |                 |   | ŀ          |  | 63       |                 |          | ╧                 |          | Ι        | Ι   | Ι       |  |      |            | 113        |  | I                   |          | $\Box$   |          |          | $\Box$             |          |          |
|                | ×        |          |          |  |              |                |  |          |                 |   | l          |  | 64       | Ш               | $\Box$   | $oldsymbol{\bot}$ | $\Box$   | $\perp$  | I   | I       |  | [    |            | 114        |  | $\Box$              | $\Box$   | Ţ        |          | I        | $oldsymbol{\perp}$ | $\Box$   | ╝        |
|                | 75       |          |          |  |              |                |  |          |                 |   | ļ.         |  | 65       | Ш               |          | Ţ                 | $\bot$   | $\prod$  |   | Ţ       |  |      |            | 115        |  |                     | $\perp$  |          |          | [        | $\bot$             | $\perp$  |          |
| 4              | 16       | 7        | Ш        | L  | $oxed{\Box}$ | Ш              | <u> </u>   | $\Box$   |                 | _ | ri.        |  | 66       | Ш               |          | _                 | $\dashv$ | $\perp$  | 4   | _       | $\perp$  |      |            | 116        | Щ  | _                   | 4        | _        | _        | ļ        | 4                  | 4        | _        |
| 5              | 17       | 11       |          | <u> </u>   | L            | Ш              | L  | Щ        | Ш               |   | ŀ          |  | 67       | Ш               | _        | _                 | _        | 4        | _ _   | $\perp$ |  |      |            | 117        |  | 1                   | 4        | _        | _        | -        | $\dashv$           | 4        | _        |
| 6              | 18       | =        | L        | L_   |              | Ш              | <u> </u>   |          | _               |   | ľ          |  | 68       | Ш               | _        | 4                 | _        | _        | $\bot$  | ┸       | $\perp$  |      |            | 118        |  | _                   | _        | _        | _        | _        | $\dashv$           | 4        | _        |
|                | 19       | _        | Ш        | _  |              |                | _  |          | Ш               |   | r.         |  | 69       | Н               | $\dashv$ | $\dashv$          | $\dashv$ | 4        | 4   | _       | -  |      |            | 119        |  | _                   | $\dashv$ |          |          | -        | +                  | -        | 4        |
| _              | 20       | _        | Н        | <u> </u>   | L            | Ш              | <u> </u>   | _        | ш               |   | l          | <u> </u>   | 70       | Н               | $\dashv$ | -                 | 4        | +        | ╀   | - -     | ╆  |      |            | 120        | $\vdash$   | $\dashv$            | $\dashv$ | $\dashv$ |          |          | +                  | $\dashv$ | $\dashv$ |
| ユ              | 21       | 1        | Н        | <u> </u>   | H            |                | <u> </u>   | Щ        |                 |   | ŀ          | <u> </u>   | 71       | Н               | $\dashv$ | -                 | $\dashv$ | -        | -   | -       | +  |      |            | 121        | $\vdash$   | $\dashv$            | -        |          | $\dashv$ | -+       | $\dashv$           | +        | -        |
| 3              | 22       | Ξ        | $\vdash$ | $\vdash$   |              | _              | ⊢  | Н        |                 |   | ł          | ├─   | 72<br>73 | Н               | -        | -                 | +        | +        | +   | +       | ╁  |      |            | 122<br>123 | $\vdash$   | $\dashv$            | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$           | -        | ᅱ        |
|                | 23<br>24 | ⊢        | Н        | ├  | -            | H              | ├  | -        | Н               |   | ł          | ┝  | 74       | ╌┤              | -+       |                   | $\dashv$ | +        | +   | +       | +  |      |            | 124        | ├  | -                   | $\dashv$ | -        | $\dashv$ | $\dashv$ | +                  | $\dashv$ | ㅓ        |
|                | 25       | ⊢        | Н        | -  | -            | Н              | $\vdash$   | H        | Н               | _ |            |  | 75       | Н               | -        | -+                |          | -+       | ╁   | +       | +  |      |            | 125        | $\vdash$   | $\dashv$            | -        | $\dashv$ | $\dashv$ | $\dashv$ | +                  | $\dashv$ | $\dashv$ |
| _              | 26       | ┢        | H        | -  | $\vdash$     | ├─             | ┢  | H        | Н               |   | ł          | $\vdash$   | 76       | Н               | -        | -                 | $\dashv$ | +        | +   | +       | +  |      |            | 126        | $\vdash$   | _                   | $\dashv$ | _        | 7        | ┪        | 十                  | 7        |          |
| $\vdash$       | 27       | H        |          | $\vdash$   | $\vdash$     | $\vdash$       | ╫─   | -        | $\vdash$        |   | L          |  | 77       | Н               | $\dashv$ | +                 | 十        | +        | ╁   | +       | +  |      |            | 127        |  |                     | 7        |          | $\dashv$ | _        | 十                  | $\dashv$ | $\dashv$ |
|                | 28       | $\vdash$ |          |  | $\vdash$     | _              | ╁  | $\vdash$ | Н               |   |            |  | 78       | $\Box$          | 寸        | 寸                 | 十        | +        | ╅   | +       | <del>                                     </del> |      |            | 128        |  | $\dashv$            | 寸        | 一        |          | $\dashv$ | 十                  | 一        | $\neg$   |
| $\vdash$       | 29       | Н        |          |  |              |                | <u> </u>   | Г        | Н               |   | 1          |  | 79       | П               | $\neg$   | _                 | 十        | _        | ╁   | $\top$  | $\top$   | 1 1  |            | 129        |  | $\Box$              | 寸        | T        | ヿ        | ╛        | ナ                  | ヿ        |          |
|                | 30       |          |          |  |              |                |  |          |                 |   | 1          |  | 80       | П               |          |                   | $\neg$   | T        | $\top$  |         | T  |      |            | 130        |  | $\neg$              | 丁        | T        |          |          | T                  | $\neg$   |          |
|                | 31       |          |          |  |              |                |  |          |                 |   | 1          |  | 81       | П               | ヿ        | $\neg$            | ┪        |          |   | $\top$  | 1  | 1 1  |            | 131        |  |                     |          |          |          |          |                    |          |          |
|                | 32       |          |          |  |              |                |  |          |                 |   |            |  | 82       |                 |          |                   |          |          |   |         |  | ŀ    |            | 132        |  |                     |          |          |          |          | $\Box$             |          |          |
|                | 33       |          |          |  |              |                |  |          |                 |   | ].         |  | 83       |                 |          |                   |          |          |   | $\perp$ |  | ] [  |            | 133        |  |                     |          |          |          |          | $\Box$             |          |          |
|                | 34       | $\Box$   |          | $\Box$   | oxdot        | Щ              | Ĺ  |          | Ш               |   |            |  | 84       | Ш               |          | $\Box$            | $\perp$  |          |   | 1       | 1  |      |            | 134        | Ш  |                     | $\perp$  | _[       |          | _        | _                  | 4        | Ц        |
|                | 35       | _        | Ш        | <u> </u>   | Ш            | $\sqcup$       | <u> </u>   |          | Ш               |   |            | <u> </u>   | 85       | Щ               | 4        | _                 | _        | $\perp$  | _   | 4       |  |      |            | 135        | $\vdash$   | $\sqcup$            | $\dashv$ | _        |          | _        | $\dashv$           | 4        | ᅵ        |
| <u> </u>       | 36       | ├-       | Щ        | <u> </u>   | <u> </u>     | Щ              | Ь.   | <u> </u> | Ш               |   |            | <u> </u>   | 86       | $\sqcup$        | _        | _                 | _        | +        | 4   | 4-      | ╄  |      |            | 136        | $\vdash$   | $\sqcup$            | _        |          | _        |          | $\dashv$           | 4        | ᅴ        |
| ļ              | 37       | ⊢        |          | $\vdash$   | $\vdash$     | Щ              | $\vdash$   | $\vdash$ | $\vdash \vdash$ |   | l          | <u> </u>   | 87       | $\vdash \vdash$ | _        | 4                 | $\dashv$ | $\dashv$ | +   | +       | +  |      |            | 137        | <u> </u>   | $\vdash \downarrow$ | $\dashv$ | 4        |          |          | $\dashv$           |          | $\dashv$ |
| <u> </u>       | 38       | $\vdash$ | Н        | $\vdash$   | $\vdash$     | Н              | $\vdash$   | $\vdash$ | $\vdash$        |   | 1          | <u> </u>   | 88       | $\vdash \vdash$ | $\dashv$ | $\dashv$          | $\dashv$ | +        | +   | +       | +  |      |            | 138        | _  | $\dashv$            | -+       | 4        | $\dashv$ |          | $\dashv$           | 4        | $\dashv$ |
| <b></b>        | 39       | $\vdash$ | $\vdash$ | ├  | $\vdash$     | $\vdash\vdash$ | $\vdash$   | $\vdash$ | $\vdash$        |   | 1          | <u> </u>   | 89<br>90 | $\vdash \vdash$ | $\dashv$ | $\dashv$          | $\dashv$ | +        | +   | +       | +-   |      | <b> </b> - | 139<br>140 | $\vdash$   | $\dashv$            | -        | ᆛ        | $\dashv$ | $\dashv$ | +                  | $\dashv$ | 4        |
| <del>  -</del> | 40<br>41 | ├        | $\vdash$ | -  | $\vdash$     | $\vdash$       | ├-   | -        | H               |   | ŀ          | ├  | 91       | $\vdash \vdash$ | $\dashv$ |                   | -+       | +        | +-  | +       | +  | :    | _          | 141        | $\vdash$   | $\dashv$            | $\dashv$ | $\dashv$ | -        | $\dashv$ | +                  | $\dashv$ | $\dashv$ |
| <u> </u>       | 41       | -        | -        | ├  | $\vdash$     | $\vdash$       | -  |          | $\vdash$        | _ | , É        | $\vdash$   | 92       | $\vdash$        | $\dashv$ |                   | $\dashv$ | +        | +   | +       | +  |      | _          | 142        | $\vdash$   | $\dashv$            | $\dashv$ | ᅱ        | $\dashv$ | +        | +                  | -        | $\dashv$ |
| <del> </del>   | 43       | -        |          | -  | H            | $\vdash$       | <del>                                     </del> | H        | $\vdash$        |   | ١.         | <del>                                     </del> | 93       | ┤┤              | -        | $\dashv$          | ┰┼       | $\dashv$ | +   | +       | +  |      | -          | 143        | $\vdash$   | $\vdash$            | $\dashv$ | ᅥ        | -        | $\dashv$ | +                  | ┪        | $\dashv$ |
| <u> </u>       | 44       | $\vdash$ | -        | -  | $\vdash$     | Н              |  | H        | $\vdash \vdash$ |   | 1          | $\vdash$   | 94       | $\vdash$        | -        |                   | -+       | +        | +-  | +       | +  |      |            | 144        | Н  | $\vdash$            | -+       | $\dashv$ | $\dashv$ | $\dashv$ | +                  | $\dashv$ | ᅥ        |
| <b> </b>       | 45       | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     |                | Н  | $\vdash$ | $\vdash$        |   |            | $\vdash$   | 95       | $\vdash \vdash$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | +   | $\top$  | +  |      | <u> </u>   | 145        | <del>                                     </del> | $\vdash$            | -        | $\dashv$ |          | +        | 十                  | 7        | ᅥ        |
| <u> </u>       | 46       | t        | $\vdash$ | $\vdash$   |              | $\vdash$       | <del>                                     </del> | $\vdash$ | Н               |   |            | <u> </u>   | 96       | H               | -        | $\dashv$          | $\dashv$ | $\dashv$ | +   | 十       | $\top$   |      |            | 146        | $\vdash$   | $\vdash$            | 十        | _        | $\neg$   | _        | $\dashv$           | 7        | ㅓ        |
| $\vdash$       | 47       | Т        | $\vdash$ | <del>                                     </del> | 一            | Т              | 一  | T        | $\vdash$        |   |            | $\vdash$   | 97       | H               | _        | 一                 | _        | $\top$   | $\top$  | +       | $\top$   | [, ] |            | 147        | Т  | Ħ                   | 一        |          | $\neg$   | 寸        | 寸                  | ┪        | 一        |
|                | 48       | T        | П        | Т  | Т            |                | Т  | Т        |                 |   | 1          |  | 98       | П               |          | ┪                 | 寸        | _        | $\top$  | $\top$  | $\top$   | 1    |            | 148        |  | $\Box$              | 1        |          |          | 一        | 十                  |          | $\neg$   |
|                | 49       | Г        | Π        |  |              |                |  | 1        |                 |   |            |  | 99       | $\Box$          |          |                   | _†       |          | 丁   | $\top$  | T  |      |            | 149        |  | $\Box$              |          |          |          |          | 丁                  | J        |          |
|                | 50       |          |          |  |              |                |  |          |                 |   | <b>#</b> 1 |  | 100      |                 |          | ┚                 |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ | T       | L  | J    |            | 150        |  |                     |          |          |          |          | $\Box$             | J        |          |
|                |          |          |          |  |              |                |  |          |                 |   | -          |  |          |                 |          |                   |          |          |   |         |  |      |            |            |  |                     |          |          |          |          |                    | _        |          |